

ABSTRACT

The piezoelectric vibrators 33 respectively have the active parts 33a capable of performing piezoelectric deformation joined to the elastic walls 26a forming one face of each of the pressure chambers 34 via the insular parts. On both sides of the active parts 33a in the vibrator width direction perpendicular to the arrangement direction of a plurality of nozzle openings 23, a pair of unit fixing parts 30 and 33b are installed. The pair of unit fixing parts 30 and 33b are joined to the parts of the flow path unit 21 other than a plurality of elastic walls 26a. According to the present invention, without increasing the rigidity of the case for storing the piezoelectric actuator unit, the cross talk is effectively prevented.